



RJ45 CAT 5E/6A ETHERNET

MIL-DTL-38999 Series III Type Connectors



637-235 Environmental feedthrough backshell
for RJ45 Series connectors



Part Number Development				
Sample Part Number	637-235	M	17	- 1
Basic Number	637-235 Environmental Feedthrough Backshell for RJ45 Series Connectors			
Finish	See Material and Finish table			
Shell Size	See Table I			
Cable Range	- = Standard Cable Ø .312/.187 A = Cable Ø .400/.256 B = Cable Ø .462/.400			
Length Indicator	See Table III (Omit For Standard Length)			

NOTES

- Glenair 600 series backshell assembly tools are recommended for assembly and installation.
- Material/finish:
 - Adapter, coupling nut, compression ring, split washer and nut: see Table I
 - O-ring and grommet: fluorosilicone
 - Anti-decoupling device - corrosion resistant material/na

Material and Finish ¹	
M	Aluminum/Electroless Nickel
NF	Aluminum/Cadmium, Olive Drab, over Electroless Nickel
ZN	Aluminum/ Zinc Ni, Olive Drab
ZE	
ZR	Aluminum/Black Zinc-Nickel
MT	Aluminum/Nickel PTFE
P2	Aluminum/Nickel Plate Per AMS-QQ-N-290
XM	Composite/Electroless Nickel
XMT	Composite/Nickel-PTFE
XO	Composite/No Finish
XW	Composite/Cadmium, Olive Drab, Over Electroless Nickel
Z1	Stainless Steel/Passivate
ZC	Stainless Steel/Zinc Cobalt
ZL	Stainless Steel/ Electro-Deposited Nickel
ZW	Stainless Steel/Cad Olive Drab Over Nickel
AB	Bronze/None (Clean Only)

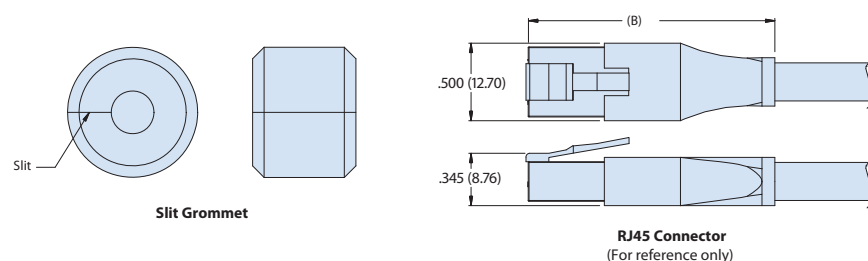
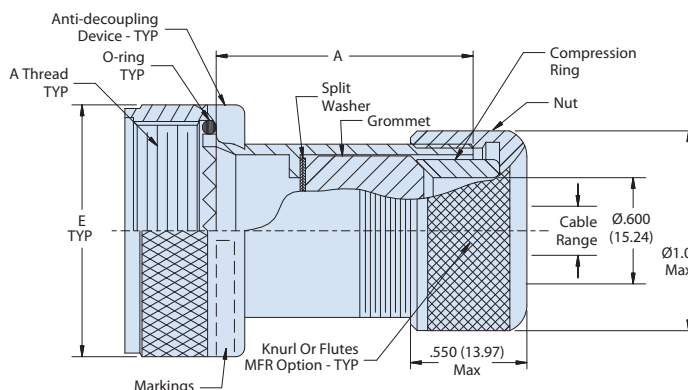


Table I			
Shell Size	A Thread	E Max	
		in	mm
17	M25 X 1.0-6H	1.42	36.1
19	M28 X 1.0-6H	1.54	39.1

Table III				
Shell Size	A		B REF	
	in	mm	in	mm
1	0.75	19.05	0.62	15.75
2	1.00	25.40	0.87	22.10
3	1.25	31.75	1.12	28.45
4	1.50	38.10	1.37	34.80
Standard Length	1.74	44.20	1.62	41.15